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Bingham McCutchen LLP  
1900 University Avenue  
East Palo Alto, CA  
94303-2223

	NAME	FAX	PHONE
TO	Commissioner for Patents USPTO	(703) 872-9306	

650.849.4400  
650.849.4800 faxFROM Peter C. Mei  
peter.mei@bingham.com

(650) 849-4800

(650) 849-4870

bingham.com

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WashingtonRE Power of Attorney by Assignee for  
U.S. Application Serial No. 10/660,986**MESSAGE****This facsimile consists of the following:****This Fax Cover Sheet (1 pg.);  
Transmittal Form (1 pg.); and  
Power of Attorney by Assignee (1 pg.) with copy of Assignment (3 pgs.).****Certificate of Transmission under 37 CFR 1.8****I hereby certify that this correspondence as well as the enclosures listed above are being facsimile transmitted to Commissioner for Patents, USPTO, facsimile number (703) 872-9306, on the date indicated below:****Dated: July 12, 2004****Signature: \_\_\_\_\_****Linda Major****For transmission problems, please call (650) 849-4825**

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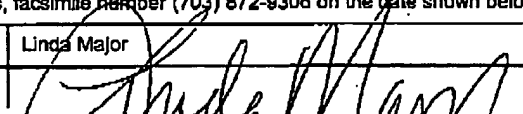
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<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/660,986
	Filing Date	September 12, 2003
	First Named Inventor	Louis K. Scheffer
	Art Unit	2825
	Examiner Name	Not yet assigned
Total Number of Pages in This Submission	Attorney Docket Number	CA7016672001

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <p style="text-align: center;"><b>Facsimile Cover Sheet</b></p>
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Remarks</div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Bingham McCutchen LLP
Signature	Peter C. Mel, Reg. No. 39,768 
Date	July 12, 2004

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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Patent  
2019535-7016672001**POWER OF ATTORNEY  
By Assignee**

Cadence Design Systems, Inc., assignee(s) of the application for United States Letters Patent for an improvement in

**AUTOMATIC INSERTION OF CLOCKED ELEMENTS INTO AN ELECTRONIC DESIGN TO  
IMPROVE SYSTEM PERFORMANCE  
by: Louis K. Scheffer**

the specification of which:

- ☐ Is filed herewith, OR  
☒ was filed on September 12, 2003, having U.S. Patent Application Serial No. 10/660,986

does hereby appoint as my attorneys and/or agents, with full power of substitution and revocation, to prosecute this application and transact all business in the United States Patent and Trademark Office, and in countries other than the United States, and to do all things necessary or appropriate therefor before any competent International Authorities in connection with any international patent application(s) corresponding to the above-identified application, all of the registered practitioners identified by:


**Customer Number 23639**

Please direct all inquiries to **Peter C. Mei**, at the above Customer Number.

I, the undersigned, declare that I have reviewed copies of the documentary evidence establishing chain of title to the patent application identified above from the inventor(s) to the assignee(s), which:

- ☐ is filed for recordation herewith; or  
☐ was recorded at Reel \_\_\_\_\_, Frame \_\_\_\_\_; or  
☒ has been sent for recordation under separate cover, copy attached herewith.

To the best of the undersigned's knowledge and belief, title is in the assignee(s) identified above. Furthermore, the undersigned is empowered to sign this document on behalf of the assignee(s).

Full Name of Assignee: Cadence Design Systems, Inc.	
Post Office Address: 2655 Seely Avenue, San Jose, California 95134	
Signature of Declarant or Assignee: 	Date: 12-5-03
Full Name of Declarant If Other Than Assignee: Michael J. Williams	
Title of Declarant: Vice President and Associate General Counsel	
Address of Declarant: 2655 Seely Avenue, San Jose, CA 95134	

Patent  
2019535-7016672001ASSIGNMENT OF PATENT APPLICATION

WHEREAS, I, **LOUIS K. SCHEFFER**, a citizen of the United States of America, (hereinafter referred to as "ASSIGNOR"), have invented a certain invention entitled **AUTOMATIC INSERTION OF CLOCKED ELEMENTS INTO AN ELECTRONIC DESIGN TO IMPROVE SYSTEM PERFORMANCE** for which application for Letters Patent of the United States of America has been executed on even date herewith; and

WHEREAS, **CADENCE DESIGN SYSTEMS, INC.**, a corporation organized and existing under and by virtue of the laws of the state of **DELAWARE** and having its place of business at **2655 Seely Avenue, San Jose, California 95134** (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the exclusive right, title and interest in, to and under said invention and in, to and under any Patent or similar legal protection to be obtained therefore in the United States of America, its territorial possessions and in any and all countries foreign thereto.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns, transfers and sets over unto the said ASSIGNEE, its successors and assigns, the full and exclusive right, title and interest to said invention and to all Letters Patent or application or similar legal protection, not only in the United States and its territorial possessions, but in all countries foreign thereto to be obtained for said invention by said application, and to any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in the United States or a foreign country for the full term or terms for which the same may be granted, including all priority rights under the International Convention;

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and ASSIGNOR hereby authorizes and requests the United States Commissioner of Patents and Trademark and any officials of foreign countries whose duty it is to issue patents or any legal equivalent thereof to said ASSIGNEE, its successors and assigns, in accordance with this Agreement.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Agreement.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and

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said equivalents in the United States or in any foreign county, which may be necessary or desirable to carry out the purpose thereof.

WITNESS my hand at San Jose, CA  
this 19<sup>th</sup> day of September, 2003.

L K Scheffer  
LOUIS K. SCHEFFER

STATE OF CALIFORNIA )  
 ) ss  
COUNTY OF SANTA CLARA )

On September 19, 2003 before me, Judith Featherstone, personally appeared Louis K. Scheffer

☒ personally known to me – OR – ☐ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Judith Featherstone  
Notary Public in and for said County and State

